

HYDRIC SOILS LIST
Pierce County Area, Washington: Detailed Soil Map Legend

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
1B: ALDERWOOD GRAVELLY SANDY LOAM, 0 TO 6 PERCENT SLOPES	ALDERWOOD	No	---	---	---	---	---	14,140
	Bellingham	Yes	trough	2B3	YES	NO	NO	832
	Norma	Yes	trough	2B3	YES	NO	NO	499
	Dupont	Yes	trough	1	NO	NO	NO	333
1C: ALDERWOOD GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES	ALDERWOOD	No	---	---	---	---	---	19,303
	Dupont	Yes	trough	1	NO	NO	NO	227
	Norma	Yes	trough	2B3	YES	NO	NO	227
1D: ALDERWOOD GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	ALDERWOOD	No	---	---	---	---	---	6,977
2A: AQUIC XEROFLUENTS, LEVEL	AQUIC XEROFLUENTS	No	---	---	---	---	---	3,298
3B: BARNESTON GRAVELLY COARSE SANDY LOAM, 0 TO 6 PERCENT SLOPES	BARNESTON	No	---	---	---	---	---	3,569
	Unnamed	Yes	alluvial cone	---	---	---	---	---
3C: BARNESTON GRAVELLY COARSE SANDY LOAM, 6 TO 15 PERCENT SLOPES	BARNESTON	No	---	---	---	---	---	7,565
3D: BARNESTON GRAVELLY COARSE SANDY LOAM, 15 TO 30 PERCENT SLOPES	BARNESTON	No	---	---	---	---	---	1,376
3E: BARNESTON GRAVELLY COARSE SANDY LOAM, 30 TO 45 PERCENT SLOPES	BARNESTON	No	---	---	---	---	---	1,896
4A: BELLINGHAM SILTY CLAY LOAM	BELLINGHAM	Yes	depression	2B3,4	YES	YES	NO	3,459
	Unnamed	No	---	---	---	---	---	---
5B: BOW SILT LOAM, 2 TO 8 PERCENT SLOPES	BOW VARIANT	Yes	terrace	2A	YES	NO	NO	978

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	Unnamed	Yes	alluvial cone	---	---	---	---	---
5C: BOW SILT LOAM, 8 TO 15 PERCENT SLOPES	BOW VARIANT	Yes	terrace	2A	YES	NO	NO	4,151
	Unnamed	Yes	alluvial cone	---	---	---	---	---
5D: BOW SILT LOAM, 15 TO 30 PERCENT SLOPES	BOW VARIANT	Yes	terrace	2A	YES	NO	NO	908
	Unnamed	Yes	alluvial cone	---	---	---	---	---
6A: BRISCOT LOAM	BRISCOT	Yes	flood plain	4	NO	YES	NO	3,305
	Unnamed	No	---	---	---	---	---	---
7A: BRISCOT LOAM, VARIANT	NEWBERG	No	---	---	---	---	---	775
	Unnamed	Yes	alluvial cone	---	---	---	---	---
8A: BUCKLEY LOAM	BUCKLEY	Yes	flood plain	2B3	YES	NO	NO	9,184
	Histosols	Yes	depression	1,3	NO	NO	YES	108
9A: CHEHALIS SILT LOAM	CHEHALIS	No	---	---	---	---	---	320
	Biscot Variant	Yes	depression	2B3	YES	NO	NO	4
	Reed	Yes	depression	3,2B3	YES	NO	YES	4
10C: CINEBAR SILT LOAM, 6 TO 15 PERCENT SLOPES	CINEBAR	No	---	---	---	---	---	358
	Unnamed	Yes	alluvial cone	---	---	---	---	---
10D: CINEBAR SILT LOAM, 15 TO 30 PERCENT SLOPES	CINEBAR	No	---	---	---	---	---	149
10E: CINEBAR SILT LOAM, 30 TO 45 PERCENT SLOPES	CINEBAR	No	---	---	---	---	---	787
11A: COASTAL BEACHES	COASTAL BEACHES	Yes	beach	4	NO	YES	NO	718
	Hydraquents	Yes	depression	2B3,3	YES	NO	YES	8
12A: DUPONT MUCK	DUPONT	Yes	alluvial cone	1,4	NO	YES	NO	5,107

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	Tisch	Yes	depression	1	NO	NO	NO	901
13B: EVERETT GRAVELLY SANDY LOAM, 0 TO 6 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	17,645
	Unnamed	Yes	alluvial cone	---	---	---	---	---
13C: EVERETT GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	7,891
	Unnamed	Yes	alluvial cone	---	---	---	---	---
13D: EVERETT GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	1,509
	Unnamed	Yes	alluvial cone	---	---	---	---	---
14B: EVERETT STONY SANDY LOAM, 0 TO 6 PERCENT SLOPES	EVERETT	No	---	---	---	---	---	2,624
	Unnamed	Yes	alluvial cone	---	---	---	---	---
15A: GREENWATER LOAMY SAND	GREENWATER	No	---	---	---	---	---	862
	Aquic Xerofluvents	Yes	depression	3,2B3	YES	NO	YES	10
	Unnamed	No	---	---	---	---	---	---
16B: HARSTINE GRAVELLY SANDY LOAM, 0 TO 6 PERCENT SLOPES	HARSTINE	No	---	---	---	---	---	3,670
	Bellingham	Yes	trough	2B3	YES	NO	NO	86
	Dupont	Yes	trough	1	NO	NO	NO	86
	Norma	Yes	trough	2B3	YES	NO	NO	86
	Wet Spots	Yes	depression	3,2B3	YES	NO	YES	43
16C: HARSTINE GRAVELLY SANDY LOAM, 6 TO 15 PERCENT SLOPES	HARSTINE	No	---	---	---	---	---	29,066
	Dupont	Yes	depression	1	NO	NO	NO	342
	Norma	Yes	depression	2B3	YES	NO	NO	342

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16D: HARSTINE GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	HARSTINE	No	---	---	---	---	---	6,618
16E: HARSTINE GRAVELLY SANDY LOAM, 30 TO 45 PERCENT SLOPES	HARSTINE	No	---	---	---	---	---	1,134
17A: HYDRAQUENTS, LEVEL	HYDRAQUENTS	Yes	alluvial cone	2B3,3	YES	NO	YES	728
18B: INDIANOLA LOAMY SAND, 0 TO 6 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	4,763
	Norma	Yes	depression	2B3	YES	NO	NO	56
18C: INDIANOLA LOAMY SAND, 6 TO 15 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	8,657
	Wet Spots	Yes	depression	2B3,3	YES	NO	YES	---
18E: INDIANOLA LOAMY SAND, 15 TO 45 PERCENT SLOPES	INDIANOLA	No	---	---	---	---	---	2,770
19B: KAPOWSIN GRAVELLY LOAM, 0 TO 6 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	46,216
	Dupont	Yes	depression	1,3	NO	NO	YES	2,175
	Tisch	Yes	depression	3,2B3	YES	NO	YES	2,175
19C: KAPOWSIN GRAVELLY LOAM, 6 TO 15 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	16,270
	McKenna	Yes	depression	2B3,3	YES	NO	YES	1,914
19D: KAPOWSIN GRAVELLY LOAM, 15 TO 30 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	3,421
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
19E: KAPOWSIN GRAVELLY LOAM, 30 TO 50 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	1,722

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19F: KAPOWSIN GRAVELLY LOAM, 50 TO 70 PERCENT SLOPES	KAPOWSIN	No	---	---	---	---	---	2,261
20B: KITSAP SILT LOAM, 2 TO 8 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	1,945
	Bellingham	Yes	depression	2B3	YES	NO	NO	69
20C: KITSAP SILT LOAM, 8 TO 15 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	2,276
	Bellingham	Yes	depression	2B3	YES	NO	NO	54
20D: KITSAP SILT LOAM, 15 TO 30 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	1,227
	Bow	Yes	depression	3,2B3	YES	NO	YES	29
20F: KITSAP SILT LOAM, 30 TO 65 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	652
21F: KITSAP-INDIANOLA COMPLEX, 45 TO 70 PERCENT SLOPES	KITSAP	No	---	---	---	---	---	650
	INDIANOLA	No	---	---	---	---	---	355
22A: MCKENNA GRAVELLY LOAM	MCKENNA	Yes	alluvial cone	2B3,3	YES	NO	YES	2,679
	Tisch	Yes	depression	2B3	YES	NO	NO	261
	Bellingham	Yes	depression	2B3	YES	NO	NO	163
	Dupont	Yes	alluvial cone	1	NO	NO	NO	163
23A: NATIONAL GRAVELLY SANDY LOAM	NATIONAL	No	---	---	---	---	---	2,919
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
24D: NEILTON GRAVELLY LOAMY SAND, 8 TO 25 PERCENT SLOPES	NEILTON	No	---	---	---	---	---	4,757
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
25A: NISQUALLY LOAMY SAND	NISQUALLY	No	---	---	---	---	---	881
	Norma	Yes	depression	2B3	YES	NO	NO	10

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26A: NORMA FINE SANDY LOAM	NORMA	Yes	alluvial cone	3,4,2B3	YES	YES	YES	2,542
	Dupont	Yes	depression	1	NO	NO	NO	30
	Mckenna	Yes	depression	2B3	YES	NO	NO	30
	Tisch	Yes	depression	2B3	YES	NO	NO	30
	Alderwood	No	---	---	---	---	---	---
27A: ORTING FINE SANDY LOAM	ORTING	No	---	---	---	---	---	206
	Unnamed	Yes	alluvial cone	---	---	---	---	---
28A: ORTING LOAM	ORTING	No	---	---	---	---	---	3,485
	Unnamed	Yes	alluvial cone	---	---	---	---	---
29A: PILCHUCK FINE SAND	PILCHUCK	No	---	---	---	---	---	4,022
	Aquic Xerofluvents	No	depression	---	---	---	---	710
	Unnamed	Yes	alluvial cone	---	---	---	---	---
30A: PUGET SILTY CLAY LOAM	PUGET	Yes	alluvial cone	2B3	YES	NO	NO	537
	Briscot	Yes	depression	2B3	YES	NO	NO	25
	Snohomish	Yes	depression	2B3	YES	NO	NO	25
	Alderwood	No	---	---	---	---	---	---
31A: PUYALLUP FINE SANDY LOAM	PUYALLUP	No	---	---	---	---	---	7,098
	Briscot	Yes	depression	2B3	YES	NO	NO	167
32B: RAGNAR SANDY LOAM, 0 TO 6 PERCENT SLOPES	RAGNAR	No	---	---	---	---	---	1,196
	Unnamed	Yes	alluvial cone	---	---	---	---	---
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
32C: RAGNAR SANDY LOAM, 6 TO 15 PERCENT SLOPES	RAGNAR	No	---	---	---	---	---	290
	Wet Spots	Yes	alluvial cone	---	---	---	---	---

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33A: REED SILTY CLAY	REED	Yes	alluvial cone	2B3,3	YES	NO	YES	217
	Briscot	Yes	depression	2B3	YES	NO	NO	5
	Unnamed	No	---	---	---	---	---	---
34A: RIVERWASH	RIVERWASH	Yes	drainageway	4	NO	YES	NO	1,337
	Unnamed	No	---	---	---	---	---	---
35F: ROCK OUTCROP	ROCK OUTCROP	No	---	---	---	---	---	521
36C: SCAMMAN SILT LOAM, 6 TO 15 PERCENT SLOPES	SCAMMAN	Yes	terrace	2A	YES	NO	NO	4,161
	Bellingham	Yes	depression	2B3	YES	NO	NO	196
	Unnamed	No	---	---	---	---	---	---
36D: SCAMMAN SILT LOAM, 15 TO 30 PERCENT SLOPES	SCAMMAN	Yes	terrace	2A	YES	NO	NO	1,727
	Unnamed	Yes	alluvial cone	---	---	---	---	---
36E: SCAMMAN SILT LOAM, 30 TO 45 PERCENT SLOPES	SCAMMAN	Yes	terrace	2A	YES	NO	NO	1,440
	Unnamed	Yes	alluvial cone	---	---	---	---	---
36F: SCAMMAN SILT LOAM, 45 TO 70 PERCENT SLOPES	SCAMMAN	Yes	terrace	2A	YES	NO	NO	461
	Unnamed	Yes	alluvial cone	---	---	---	---	---
37A: SEMIAMMOO MUCK	SEMIAMMOO	Yes	alluvial cone	1,4	NO	YES	NO	830
	Shalcar	Yes	depression	1	NO	NO	NO	98
38A: SHALCAR MUCK	SHALCAR	Yes	alluvial cone	4,1	NO	YES	NO	553
	Semiahmoo	Yes	depression	1	NO	NO	NO	65
39A: SNOHOMISH SILTY CLAY LOAM	SNOHOMISH	Yes	alluvial cone	2B3	YES	NO	NO	878
	Puget	Yes	backswamp	3,2B3	YES	NO	YES	52
	Sultan	Yes	backswamp	2B3	YES	NO	NO	52
	Unnamed	No	---	---	---	---	---	---

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40A: SPANAWAY LOAM	SPANAWAY	No	alluvial cone	---	---	---	---	1,157
	Wet Spots	Yes	alluvial cone	---	---	---	---	---
41A: SPANAWAY GRAVELLY SANDY LOAM	SPANAWAY	No	---	---	---	---	---	26,982
	Spana	Yes	depression	2B3	YES	NO	NO	2,540
	Unnamed	Yes	alluvial cone	---	---	---	---	---
42A: SULTAN SILT LOAM	SULTAN	No	---	---	---	---	---	4,321
	Briscot	Yes	depression	2B3	YES	NO	NO	305
	Puget	Yes	depression	2B3	YES	NO	NO	102
43A: TACOMA SILT LOAM	TACOMA	Yes	alluvial cone	2B3	YES	NO	NO	226
	Hydraquents	Yes	depression	3,2B3	YES	NO	YES	3
	Puget	Yes	depression	2B3	YES	NO	NO	3
	Unnamed	No	---	---	---	---	---	---
44A: TANWAX MUCK	TANWAX	Yes	alluvial cone	1,4	NO	YES	NO	409
	Tisch	Yes	depression	2B3	YES	NO	NO	5
45A: TISCH SILT	TISCH	Yes	alluvial cone	4,2B3	YES	YES	NO	2,478
	Dupont	Yes	depression	2B3	YES	NO	NO	204
	McKenna	Yes	depression	2B3	YES	NO	NO	146
	Unnamed	No	---	---	---	---	---	---
46C: WILKESON GRAVELLY SILT LOAM, 6 TO 15 PERCENT SLOPES	WILKESON	No	---	---	---	---	---	420
	Scamman	Yes	depression	2B3	YES	NO	NO	5
46D: WILKESON GRAVELLY SILT LOAM, 15 TO 30 PERCENT SLOPES	WILKESON	No	---	---	---	---	---	769
	Scamman	Yes	depression	2B3	YES	NO	NO	---

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46E: WILKESON GRAVELLY SILT LOAM, 30 TO 45 PERCENT SLOPES	WILKESON	No	---	---	---	---	---	1,179
	Scamman	Yes	depression	2B3	YES	NO	NO	14
46F: WILKESON GRAVELLY SILT LOAM, 45 TO 65 PERCENT SLOPES	WILKESON	No	---	---	---	---	---	1,593
47F: XEROCHREPTS, 45 TO 70 PERCENT SLOPES	XEROCHREPTS	No	---	---	---	---	---	7,287
	Coastal Beaches	Yes	alluvial cone	---	---	---	---	---
48A: XERORTHENTS, FILL AREAS	URBAN LAND	No	---	---	---	---	---	1,404
49: WATER	WATER	---	---	---	---	---	---	7,434